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(74) Agent: **BREEN, John, P.**; University of Virginia Patent Foundation, 1224 West Main Street, Suite 1-110, Charlottesville, VA 22903 (US).

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(71) Applicant (for all designated States except US): **UNIVERSITY OF VIRGINIA PATENT FOUNDATION** [US/US]; 1224 West Main Street, Suite 1-110, Charlottesville, VA 22903 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SMITH, Jeffrey, A.** [US/US]; 815 Stillwater Lane, Earlysville, VA 22936 (US). **LANNIGAN-MACARA, Deborah, A.** [CA/US]; 1700 Jefferson Park Avenue, Charlottesville, VA 22903 (US). **POTEET-SMITH, Celeste, E.** [US/US]; 815 Stillwater Lane, Earlysville, VA 22936 (US). **HECHT, Sidney, M.** [US/US]; 4710 Dickerson Road, Charlottesville, VA 22911 (US). **XU, Yaming** [CN/US]; 406 Farrish Circle, Apt. 1, Charlottesville, VA 22903 (US). **BRAUTIGAN, David, L.** [US/US]; 1665 Blackwood Road, Charlottesville, VA 22901 (US).

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(54) Title: **RSK INHIBITORS AND THERAPEUTIC USES THEREOF**

(57) Abstract: The present invention is directed to novel compounds and compositions that have Rsk specific inhibitory activity. In addition, inhibition of Rsk by the present compounds has been discovered to halt the proliferation of cancer cell lines while having little effect on the proliferation rate of normal cells. Therefore, the present invention identifies Rsk as a target for therapeutic intervention in diseased states in which the disease or the symptoms can be ameliorated by inhibition of Rsk catalytic activity.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/18734

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07H 17/00

US CL : 424/750-780; 435/7.23; 514/27, 44; 536/1.11, 4.1, 24.5,

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 424/750-780; 435/7.23; 514/27, 44; 536/1.11, 4.1, 24.5,

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
CAS ONLINE, EAST

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/66721 A2 (BETH ISRAEL DEACOESS MEDICAL CENTER) 09 November 2000(09.11.00), page 32, claims 1 and 2, see entire document.	25-27
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Y		1-24 and 28-47



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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Ganapathy Krishnan

Telephone No. (703) 308-1235